

The Nordic Energy Systems Programme Webinar 5 february 2025

Agenda

- Aim of the call
- How is the programme structured
- Thematic Scope of the call
- Funding opportunities
- Eligibility requirements
- The application process
- Q&A



Aim of the call

Strengthen Nordic research competence and cooperation in the field of energy systems analysis, by building on existing national research activities.

Facilitate Nordic and national added value by creating synergies between current national research outcomes and comparing these at a regional level.

Bring together national research groups with specific knowledge of sub-sectors within the field to investigate similar research questions, providing further insight into how methodologies, models, and assumptions impact results.

Contribute to building stronger Nordic models and data sets, which can be utilized by authorities and decision-makers.



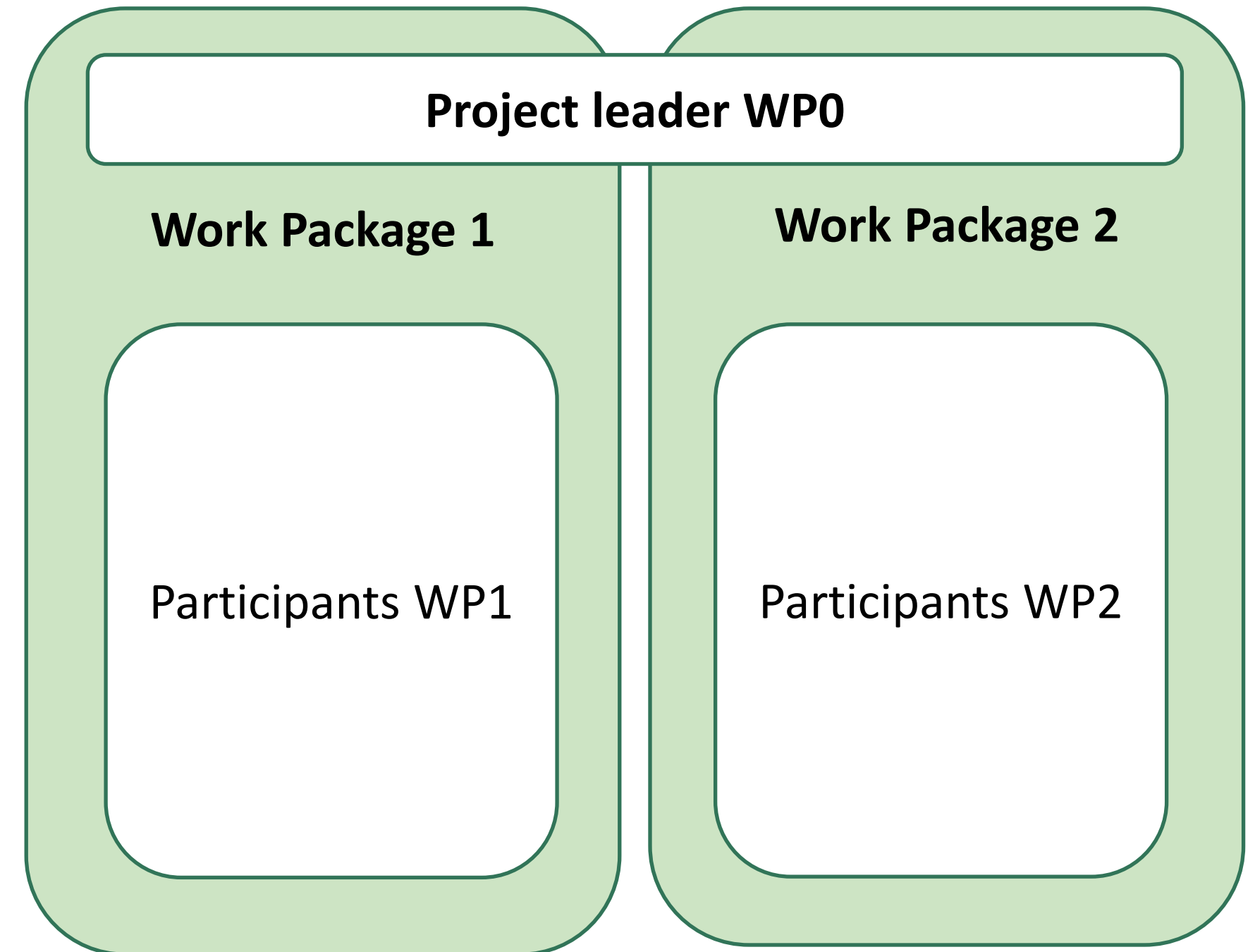
How is the programme structured?

Applicants interested in participating apply for either Work Package 1 or Work Package 2.

Applicants interested in being the project leader apply Work Package 1 **and** Work Package 2 **and** Workpackage 0.

The Project leader (WP0), will be the project leader for both WP1 and WP2.

The number of participants in each Work Package depends on the amount of available funding from each country



Work Package 1 - Managing Uncertainty in the Nordic Energy System

Both long-term changes and possible future shock events carry uncertainty that influence a future fossil-free Nordic energy system.

Possible topics could be the **Nordic power imbalance**, and the overall **resilience** of the Nordic energy system.

Participants are encouraged to discuss no regret decisions regarding the energy system, such as investment into infrastructure or technological developments

What is the best practice for modelling under deep uncertainty? Are our energy systems resilient to these uncertainties? How does uncertainty influence costs? How do we interpret resilience under high uncertainty? How should uncertainty be communicated to decision makers?

[Applicants are strongly advised to read the full call text.](#)



WP2 – Energy System modelling and Socioeconomic models

The Nordic energy system will undergo significant changes in the coming decades. And all of this will have socioeconomic effects on the Nordic societies.

What are the socioeconomic effects of changes to the energy system and how do socioeconomic trends form the energy system? How do the results from energy system models can inform on broader socioeconomic effects.

Possible topics could include regional investment, economic restructuring, employment, macroeconomic feedback, production, consumption and consumer welfare

What is the best practice for coupling insights from energy system modelling with socioeconomic models and theory? How should socioeconomic effects be communicated?

[Applicants are strongly advised to read the full call text.](#)



Responsibilities for participants in WP₁ and WP₂

- Cooperating with the Project Leader and other WP participants
- Cooperate with the Project Leader on a report of the WP
- To deliver necessary documentation for reporting to the Project Lead
- Disseminate information on the activities of the project, as well as research results and research generated data - whenever possible - to the general public
- Participation in in knowledge exchange activities as organised by Nordic Energy Research or the Project Lead
- Following the work done in, and the results of the other WPs.



WPo – Project lead

The project lead will participate and lead both Work Package 1 and Work Package 2, and ensure ownership, continuity and provide feedback throughout the programme.

The project lead will also coordinate all activities and communication between the project participants and Nordic Energy Research.

Furthermore, the project lead will conclude each work package with a report. The project lead will also be in charge of Disseminating the results and activities and ensure that the Project will strengthen Nordic cooperation and expertise in energy modelling and further develop cooperation between Nordic energy modellers and energy model research communities.

[Applicants are strongly advised to read the full call text.](#)



Funding available

All successful applicants for Work Package 1 and Work Package 2 will receive funding directly from their national funding agency.

The successful applicant for Work Package 0 will receive funding from Nordic Energy Research.

All applicants must apply through the Nordic Energy Research application portal.

Total funding available:



**BUSINESS
FINLAND**



Funding available WP1

Country	Financier	Funding available
Norway	Norges Forskningsråd	0,5MNOK-1MNOK (maximum grant size per applicant is 0,5 MNOK)
Sweden	Energimyndigheten	0,5MNOK-1,5MNOK (maximum grant size per applicant is 0,5 MNOK)
Finland	Business Finland	50 000 – 100 000 EUR (maximum grant size per applicant is 50 000 EUR)
Iceland	Loftslags- og orkusjóður	0,5MNOK (maximum grant size per applicant is 500 k NOK)
Denmark	Energistyrelsen	In-Kind participation



Funding available WP2

Country	Financier	Funding available
Norway	Norges Forskningsråd	0,5MNOK-1MNOK (maximum grant size per applicant is 0,5 MNOK)
Sweden	Energimyndigheten	0,5MNOK-1,5MNOK (maximum grant size per applicant is 0,5 MNOK)
Finland	Business Finland	50 000 – 100 000 EUR (maximum grant size per applicant is 50 000 EUR)
Iceland	Loftslags- og orkusjóður	0,5MNOK (maximum grant size per applicant is 500 k NOK)
Denmark	Energistyrelsen	In-Kind participation



Funding available WPo

Country	Financier	Funding available
The Nordic Countries	Nordic Energy Research	4,3 MNOK (maximum grant size per applicant is 4,3MNOK)



Eligibility Requirements

- Applications must address one (or more) of the two WPs. If applying for WPo Project lead, the applicant must apply for WP1 and WP2.
- The institution applying for participation (Project Owner in the call system) must be a Research Performing Organisation (RPO) based in Iceland, Norway, Sweden or Finland.
- The person heading for the application (Project Manager in the call system) must be an established researcher from this RPO.
- Applications must address the thematic scope of the call and WPs.
- The sum applied for each WP must be within the limit stated under Financial Framework and Work Packages. Applicants are encouraged to apply for the maximum amount available for each participant in WP1 and WP2.



Eligibility Requirements

- Applications must operate within the predetermined timeline for the work packages.
- Applications must be submitted electronically through the call system accessible via <https://www.nordicenergy.org/funding>.
- The application must be written in English and follow the instructions regarding length, formatting and budgeting specified at the call portal.
- Letters of commitment expressing institutional commitment from organisations in the application must be included.
- Each applicant applying for participation in WP₁ and WP₂ can only include an institution or institutions in one of the Nordic countries with available public funding.
- Gender equality in the partnership is a requirement of the call. For applicants with over five (5) individuals partaking in an application, an acceptable balance is defined as a minimum of 40 percent points of both female and male representation in the listed project participants.



The application process

1. Go to Nordicenergy.org
2. Click “funding” in the top menu
3. Click on “Call for proposals: Nordic Energy Systems Programme”
4. Press read the full call text and apply for Work Package 0 or 1-2.

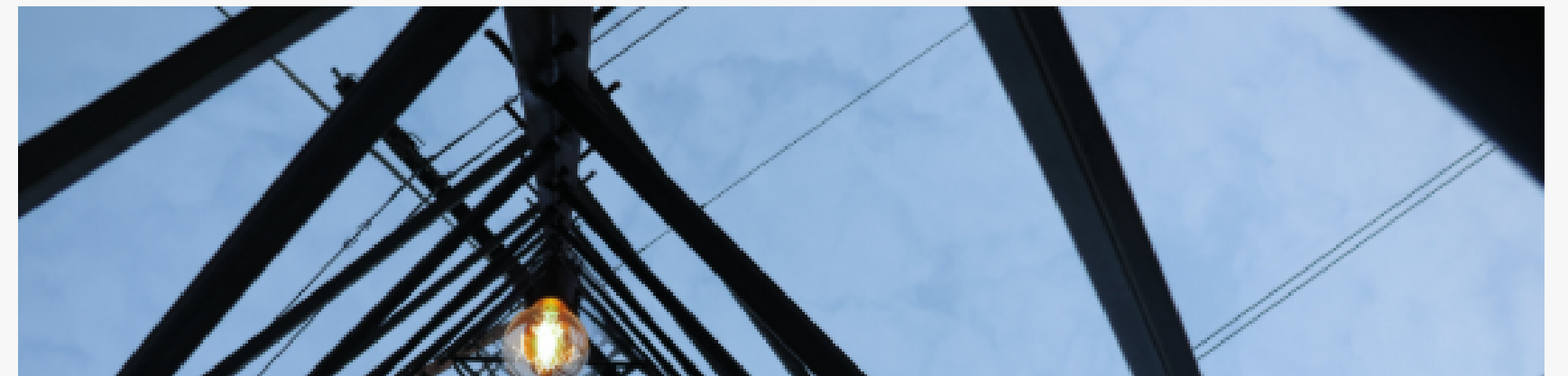
well as behavioural and demographic changes, alongside shifting policies. National energy system analysis and energy modelling have a strong tradition in the Nordic countries. However, increased cooperation is essential to facilitate the green energy transition and prepare for uncertainties that could impact energy systems, such as geopolitical tensions and extreme weather events.

The new Nordic Energy Systems Programme aims to strengthen national energy system modelling efforts by fostering networks among Nordic institutions and elevating these efforts to a regional level. Building on the [Nordic Energy Outlooks Programme](#), it provides a unique opportunity to delve deeper into issues relevant to Nordic energy systems, ensuring the robustness of models used by Nordic institutions and fostering trust in the reliability of their data.

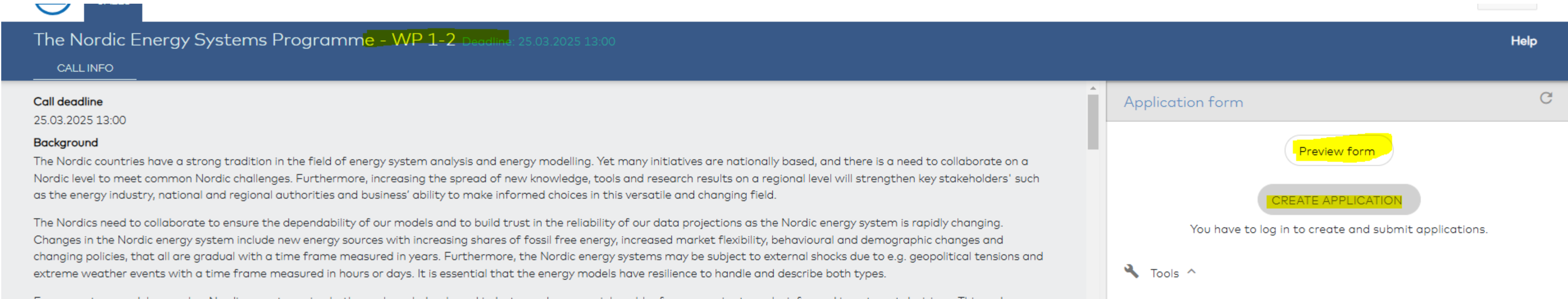
The deadline for applications is **25 March 2025** at 10:00 (CET).

Read the full call text and apply for [Work Package 0 here](#).

Read the full call text and apply for [Work Packages 1-2 here](#).



The application process



The screenshot shows a web interface for 'The Nordic Energy Systems Programme - WP 1-2'. The page has a dark blue header with the program name and a 'Help' link. Below the header is a 'CALL INFO' section with a 'Call deadline' of 25.03.2025 13:00. The 'Background' section contains two paragraphs of text. On the right side, there is an 'Application form' section with a 'Preview form' button, a 'CREATE APPLICATION' button, and a message stating 'You have to log in to create and submit applications.' Below the message is a 'Tools' menu with a wrench icon and an upward arrow.

The Nordic Energy Systems Programme - WP 1-2 Deadline: 25.03.2025 13:00 Help

CALL INFO

Call deadline
25.03.2025 13:00

Background

The Nordic countries have a strong tradition in the field of energy system analysis and energy modelling. Yet many initiatives are nationally based, and there is a need to collaborate on a Nordic level to meet common Nordic challenges. Furthermore, increasing the spread of new knowledge, tools and research results on a regional level will strengthen key stakeholders' such as the energy industry, national and regional authorities and business' ability to make informed choices in this versatile and changing field.


The Nordics need to collaborate to ensure the dependability of our models and to build trust in the reliability of our data projections as the Nordic energy system is rapidly changing. Changes in the Nordic energy system include new energy sources with increasing shares of fossil free energy, increased market flexibility, behavioural and demographic changes and changing policies, that all are gradual with a time frame measured in years. Furthermore, the Nordic energy systems may be subject to external shocks due to e.g. geopolitical tensions and extreme weather events with a time frame measured in hours or days. It is essential that the energy models have resilience to handle and describe both types.

Application form ↻

[Preview form](#)

[CREATE APPLICATION](#)

You have to log in to create and submit applications.

 Tools ^



The application process

Preview form PRINT X

General information ▼

- General information
- Applicant information
- Planned research consortium
- Work package information
- Budget
- Letters of commitment
- Confirmation

WP1 – Managing Uncertainty in the Nordic Energy System

WP2 – Energy System modelling and Socioeconomic models

Application title *

Please use the following formula naming the application: "WP# - Project Owner name".

Maximum length 128 characters with spaces



< Previous

Next >

General information ▼

Work package

Please select the relevant Work package, you must submit an application per work package you are applying for.

For more information on each work package please consult the call text.

Work package *

Please select the relevant work package - you must submit an application per work package you are applying for.

- WP1 – Managing Uncertainty in the Nordic Energy System
- WP2 – Energy System modelling and Socioeconomic models

Application title *

Please use the following formula naming the application: "WP# - Project Owner name".

Maximum length 128 characters with spaces

The application process

Budget:

- Salaries should be reasonable rates
- Sought funding can not be more than the allocated funding per participant in each Work package
- Reminder to WPo applicants:
 - Remember to include budgeting for participating in WP₁ and WP₂

Total budget in NOK - specified by source of funding	Total Budget
Salaries (incl. social security costs, etc.)	
<i>Nordic Energy Research funding</i>	
<i>Other funding</i>	
<i>Own resources (cash and in-kind)</i>	
Total	0
Travel	
<i>Nordic Energy Research funding</i>	
<i>Other funding</i>	
<i>Own resources (cash and in-kind)</i>	
Total	0
Meetings and conferences/seminar	
<i>Nordic Energy Research funding</i>	
<i>Other funding</i>	
<i>Own resources (cash and in-kind)</i>	
Total	0
Reports (layout, editing etc.)	
<i>Nordic Energy Research funding</i>	
<i>Other funding</i>	
<i>Own resources (cash and in-kind)</i>	
Total	0
Equipment	
<i>Nordic Energy Research funding</i>	
<i>Other funding</i>	
<i>Own resources (cash and in-kind)</i>	
Total	0
Other	
<i>Nordic Energy Research funding</i>	
<i>Other funding</i>	
<i>Own resources (cash and in-kind)</i>	
Total	0



Timeline

Proposals Phase

- Call opens: 10th of January 2025
- Webinar: 5th of February
- Call closes: 25th of March 2025

Eligibility and Evaluation Phase:

- Evaluation phase: 25th of March – 23rd of April 2025
- Steering Board Meeting and recommendation on funding: 25th of April 2025
- National decisions: Mid-June 2025
- Decision communicated: By the end of June 2025

Project Phase:

- Project start date: 1st of August 2025
- WP1: 1st of August 2025 – 1st of August 2026
- Wp2: 1st of August 2026 – 1st of August 2027
- WPO: 1st of August 2025 - 1st of August 2027





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Senior Adviser

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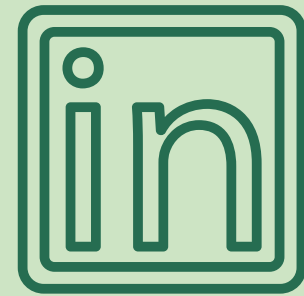
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Questions?

Stay updated!



Nordic Energy Research



nordicenergy.org

Newsletter



Tack!

Takk!

Tak!

Kiitos!

Qujanaq!

Giitu!

